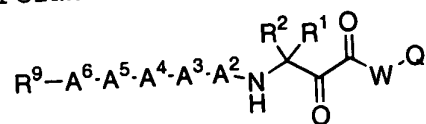


Amendments to the Claims

Claim 1 (original)

1. A compound of Formula (I):



(I)

or a stereoisomer or pharmaceutically acceptable salt form thereof, wherein;

W is -NH- or -O-;

Q is selected from $-(\text{CR}^{10}\text{R}^{10\text{c}})_n-\text{Q}^1$, $-(\text{CR}^{10}\text{R}^{10\text{c}})_n-\text{Q}^2$, $n = 1-4$

C₁-C₄ alkyl substituted with Q¹,

C₂-C₄ alkenyl substituted with Q¹,

C₂-C₄ alkynyl substituted with Q¹, and

an amino acid residue;

Q¹ is selected from

-CO₂R¹¹, -SO₂R¹¹, -SO₃R¹¹, -P(O)₂R¹¹, -P(O)₃R¹¹,

aryl substituted with 0-4 Q^{1a},

5-6 membered heterocyclic group consisting of carbon

atoms and 1-4 heteroatoms selected from the group:

O, S, and N, said heterocyclic group substituted

with 0-4 Q^{1a};

Q^{1a} is H, F, Cl, Br, I, -NO₂, -CN, -NCS, -CF₃, -OCF₃, -CH₃,

-OCH₃, -CO₂R¹⁹, -C(=O)NR¹⁹R¹⁹, -NHC(=O)R¹⁹, -SO₂R¹⁹,

-SO₂NR¹⁹R¹⁹, -NR¹⁹R¹⁹, -OR¹⁹, -SR¹⁹,

C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄

haloalkoxy

R¹⁹ is C₁-C₄ alkyl, C₁-C₄ haloalkyl, aryl, aryl(C₁-C₄ alkyl), C₃-C₆ cycloalkyl, or C₃-C₆ cycloalkyl(C₁-C₄ alkyl);

alternatively, NR¹⁹R¹⁹ may form a 5-6 membered heterocyclic group consisting of carbon atoms, a nitrogen atom, and optionally a second heteroatom selected from the group: O, S, and N;

R¹⁰ is selected from the group: -CO₂R¹¹, -NR¹¹R¹¹, and C₁-C₆ alkyl substituted with 0-1 R^{10a};

R^{10a} is selected from the group: halo, -NO₂, -CN, -CF₃, -CO₂R¹¹, -NR¹¹R¹¹, -OR¹¹, -SR¹¹, -C(=NH)NH₂, and aryl substituted with 0-1 R^{10b};

R^{10b} is selected from the group: -CO₂H, -NH₂, -OH, -SH, and -C(=NH)NH₂;

R^{10c} is H or C₁-C₄ alkyl;

alternatively, R¹⁰ and R^{10c} can be combined to form a C₃-C₆ cycloalkyl group substituted with 0-1 R^{10a};

R¹¹ is, at each occurrence, independently H or C₁-C₄ alkyl;

R^{11a} is H, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₂-C₄ alkenyl, C₂-C₄ alkynyl, aryl, aryl(C₁-C₄ alkyl)-, C₃-C₆ cycloalkyl, or C₃-C₆ cycloalkyl(C₁-C₄ alkyl)-;

Q^2 is $-X-NR^{12}-Z$, $-NR^{12}-Y-Z$, or $-X-NR^{12}-Y-Z$;

X is selected from the group: $-C(=O)-$, $-S-$, $-S(=O)-$, $-S(=O)_2-$, $-P(O)-$, $-P(O)_2-$, and $-P(O)_3-$;

Y is selected from the group: $-C(=O)-$, $-S-$, $-S(=O)-$, $-S(=O)_2-$, $-P(O)-$, $-P(O)_2-$, and $-P(O)_3-$;

R^{12} is H or C_1-C_4 alkyl;

Z is C_1-C_4 haloalkyl,

C_1-C_4 alkyl substituted with 0-3 Z^a ,

C_2-C_4 alkenyl substituted with 0-3 Z^a ,

C_2-C_4 alkynyl substituted with 0-3 Z^a ,

C_3-C_{10} cycloalkyl substituted with 0-5 Z^b ,

C_3-C_{10} carbocycle substituted with 0-5 Z^b ,

aryl substituted with 0-5 Z^b ,

5-10 membered heterocyclic group consisting of carbon

atoms and 1-4 heteroatoms selected from the group:

O, S, and N, said heterocyclic group substituted

with 0-4 Z^b ;

an amino acid residue, or

$-A^7-A^8-A^9$;

Z^a is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, -

CH_3 , $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, -

$NR^{20}R^{20}$,

$-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$,

C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkyl,

C_1-C_4 haloalkoxy,

C₃-C₁₀ cycloalkyl substituted with 0-5 Z^b,
C₃-C₁₀ carbocycle substituted with 0-5 Z^b,
aryl substituted with 0-5 Z^b, or
5-10 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:
O, S, and N, said heterocyclic group substituted
with 0-4 Z^b;

Z^b is H, F, Cl, Br, I, -NO₂, -CN, -NCS, -CF₃, -OCF₃, -
CH₃, -OCH₃, -CO₂R²⁰, -C(=O)NR²⁰R²⁰, -NHC(=O)R²⁰, -
NR²⁰R²⁰,
-OR²⁰, -SR²⁰, -S(=O)R²⁰, -SO₂R²⁰, -SO₂NR²⁰R²⁰,
C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl,
C₁-C₄ haloalkoxy,

C₃-C₁₀ cycloalkyl substituted with 0-5 Z^c,
C₃-C₁₀ carbocycle substituted with 0-5 Z^c,
aryl substituted with 0-5 Z^c, or
5-10 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:
O, S, and N, said heterocyclic group substituted
with 0-4 Z^c;

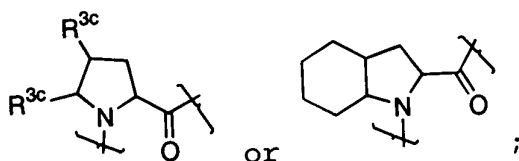
Z^c is H, F, Cl, Br, I, -NO₂, -CN, -NCS, -CF₃, -OCF₃, -
CH₃, -OCH₃, -CO₂R²⁰, -C(=O)NR²⁰R²⁰, -NHC(=O)R²⁰, -
NR²⁰R²⁰,
-OR²⁰, -SR²⁰, -S(=O)R²⁰, -SO₂R²⁰, -SO₂NR²⁰R²⁰,
C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄
haloalkoxy;

R²⁰ is H, C₁-C₄ alkyl, C₁-C₄ haloalkyl, aryl,

aryl(C₁-C₄ alkyl)-, C₃-C₆ cycloalkyl, or
C₃-C₆ cycloalkyl(C₁-C₄ alkyl)-;

alternatively, NR²⁰R²⁰ may form a 5-6 membered heterocyclic group consisting of carbon atoms, a nitrogen atom, and optionally a second heteroatom selected from the group: O, S, and N;

A² is a bond, -NH-CR³R⁴-C(=O)-, an amino acid residue,



A³ is a bond, -NH-CR⁵R⁶-C(=O)-, or an amino acid residue;

A⁴ is a bond, -NH-CR⁷R⁸-C(=O)-, or an amino acid residue;

A⁵ is a bond or an amino acid residue;

A⁶ is a bond or an amino acid residue;

A⁷ is a bond or an amino acid residue;

A⁸ is an amino acid residue;

A⁹ is an amino acid residue;

R¹ is selected from the group: H, F,

C₁-C₆ alkyl substituted with 0-3 R^{1a},

C₂-C₆ alkenyl substituted with 0-3 R^{1a},

C₂-C₆ alkynyl substituted with 0-3 R^{1a},

aryl substituted with 0-5 R^{1a}, and
C₃-C₆ cycloalkyl substituted with 0-3 R^{1a}:

R^{1a} is selected at each occurrence from the group:

Cl, F, Br, I, CF₃, CHF₂, OH, =O, SH,
-CO₂R^{1b}, -SO₂R^{1b}, -SO₃R^{1b}, -P(O)₂R^{1b}, -P(O)₃R^{1b},
-C(=O)NHR^{1b}, -NHC(=O)R^{1b}, -SO₂NHR^{1b}, -OR^{1b}, -SR^{1b},
C₁-C₃ alkyl, C₃-C₆ cycloalkyl, C₁-C₆ alkoxy,
-S-(C₁-C₆ alkyl),

aryl substituted with 0-5 R^{1c},

-O-(CH₂)_q-aryl substituted with 0-5 R^{1c},

-S-(CH₂)_q-aryl substituted with 0-5 R^{1c},

5-10 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:

O, S, and N, and substituted with 0-3 R^{1c};

R^{1b} is H,

C₁-C₄ alkyl substituted with 0-3 R^{1c},

C₂-C₄ alkenyl substituted with 0-3 R^{1c},

C₂-C₄ alkynyl substituted with 0-3 R^{1c},

C₃-C₆ cycloalkyl substituted with 0-5 R^{1c},

C₃-C₆ carbocycle substituted with 0-5 R^{1c},

aryl substituted with 0-5 R^{1c},

5-6 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:

O, S, and N, said heterocyclic group substituted
with 0-4 R^{1c};

R^{1c} is selected at each occurrence from the C₁-C₄ alkyl, Cl, F, Br, I, OH, C₁-C₄ alkoxy, -CN, -NO₂, C(O)OR^{1d}, NR^{1d}R^{1d}, CF₃, and OCF₃;

R^{1d} is H or C₁-C₄ alkyl,

R² is H, F, or C₁-C₄ alkyl,

alternatively, R¹ and R² combine to form a C₃-C₆ cycloalkyl group substituted with 0-3 R^{1c};

R³ is selected from the group: H,
C₁-C₆ alkyl substituted with 0-4 R^{3a},
C₂-C₆ alkenyl substituted with 0-4 R^{3a},
C₂-C₆ alkynyl substituted with 0-4 R^{3a},
-(CH₂)_q- C₃-C₆ cycloalkyl substituted with 0-4 R^{3b},
-(CH₂)_q-aryl substituted with 0-5 R^{3b},
-(CH₂)_q-5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and said heterocyclic group is substituted with 0-2 R^{3b};

R^{3a} is selected from the group: -CO₂R¹¹, -NR¹¹R¹¹, -OR¹¹, -SR¹¹, -C(=NH)NH₂, and aryl substituted with R^{10b};

R^{3b} is selected from the group: -CO₂H, -NH₂, -OH, -SH, and -C(=NH)NH₂;

R^{3c} is, at each occurrence, independently selected from H, C₁-C₆ alkyl, -OH, or OR^{3d};

R^{3d} is C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl,
-(CH₂)_q- C₃-C₆ cycloalkyl, -(CH₂)_q-aryl, or
-(CH₂)_q-(5-10 membered heterocyclic group), wherein
said heterocyclic group consists of carbon atoms
and 1-4 heteroatoms selected from the group: O, S,
and N;

R⁴ is selected from the group H, C₁-C₆ alkyl, phenyl,
phenylmethyl-, phenylethyl-, C₃-C₆ cycloalkyl,
C₃-C₆ cycloalkylmethyl-, and C₃-C₆ cycloalkylethyl-;

R⁵ and R⁷ are independently H or R³;

R⁶ and R⁸ are independently H or R⁴;

R⁹ is selected from the group: -S(=O)R^{9a}, -S(=O)₂R^{9a},
-C(=O)R^{9a}, -C(=O)OR^{9a}, -C(=O)NHR^{9a}, C₁-C₃ alkyl-R^{9a},
C₂-C₆ alkenyl-R^{9a}, and C₂-C₆ alkynyl-R^{9a};

R^{9a} is selected from the group:
C₁-C₆ alkyl substituted with 0-3 R^{9b},
C₃-C₆ cycloalkyl substituted with 0-3 R^{9c} and
aryl substituted with 0-3 R^{9c} and
5-14 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:
O, S, and N, and said heterocyclic group is
substituted with 0-3 R^{9c};

R^{9b} is selected from the group: phenyl, naphthyl, benzyl,
and 5-10 membered heterocyclic group consisting of

carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and R^6 is substituted with 0-3 R^C ;

R^{9c} is selected at each occurrence from the group:

CF_3 , OCF_3 , Cl, F, Br, I, =O, OH, phenyl, $C(O)OR^{11}$, NH_2 , $NH(CH_3)$, $N(CH_3)_2$, -CN, NO_2 ;

C₁-C₄ alkyl substituted with 0-3 R^{9d} ,

C₁-C₄ alkoxy substituted with 0-3 R^{9d} ,

C₃-C₆ cycloalkyl substituted with 0-3 R^{9d} ,

aryl substituted with 0-5 R^{9d} , and

5-6 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and said heterocyclic group is substituted with 0-4 R^{9d} ;

R^{9d} is selected at each occurrence from the group:

C₁-C₄ alkyl, C₁-C₄ alkoxy, CF_3 , OCF_3 , Cl, F, Br, I, =O, OH, phenyl, $C(O)OR^{11}$, NH_2 , $NH(CH_3)$, $N(CH_3)_2$, -CN, and NO_2 ;

an amino acid residue, at each occurrence, independently comprises a natural amino acid, a modified amino acid or an unnatural amino acid wherein said natural, modified or unnatural amino acid is of either D or L configuration;

n is 1, 2, 3, or 4; and

p is 1 or 2; and

q, at each occurrence, is independently 0, 1 or 2.

Claim 2 (original)

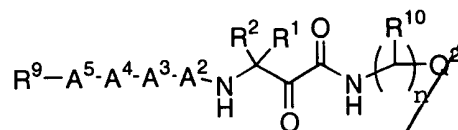
2. A compound according to Claim 1, wherein

Q is $-(CR^{10}R^{10c})_n-Q^2$ or

an amino acid residue, wherein the amino acid residue comprises a natural, a modified or an unnatural amino acid.

Claim 3 (currently amended)

3. A compound according to Claim 2, wherein the compound is of Formula (II):



(II)

or a stereoisomer or pharmaceutically acceptable salt form thereof, wherein;

R^{10} is selected from the group: $-CO_2R^{11}$, $-NR^{11}R^{11}$, and C_1-C_6 alkyl substituted with 0-1 R^{10a} ;

R^{10a} is selected from the group: halo, $-NO_2$, $-CN$, $-CF_3$, $-CO_2R^{11}$, $-NR^{11}R^{11}$, $-OR^{11}$, $-SR^{11}$, $-C(=NH)NH_2$, and aryl substituted with 0-1 R^{10b} ;

R^{10b} is selected from the group: $-CO_2H$, $-NH_2$, $-OH$, $-SH$, and $-C(=NH)NH_2$;

~~R^{10c} is H or C_1-C_4 alkyl;~~

~~alternatively, R^{10} and R^{10c} can be combined to form a C_3-C_6 cycloalkyl group substituted with 0-1 R^{10a} ;~~

B1
cont.

R¹¹ is, at each occurrence, independently H or C₁-C₄ alkyl;

R^{11a} is H, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₂-C₄ alkenyl,
C₂-C₄ alkynyl, aryl, aryl(C₁-C₄ alkyl)-,
C₃-C₆ cycloalkyl, or C₃-C₆ cycloalkyl(C₁-C₄ alkyl)-;

Q² is -X-NR¹²-Z, -NR¹²-Y-Z, or -X-NR¹²-Y-Z;

X is selected from the group: -C(=O)-, -S-, -S(=O)-, -
S(=O)₂-, -P(O)-, -P(O)₂-, and -P(O)₃-;

Y is selected from the group: -C(=O)-, -S-, -S(=O)-, -
S(=O)₂-, -P(O)-, -P(O)₂-, and -P(O)₃-;

R¹² is H or C₁-C₄ alkyl;

Z is C₁-C₄ haloalkyl,
C₁-C₄ alkyl substituted with 0-3 Z^a,
C₂-C₄ alkenyl substituted with 0-3 Z^a,
C₂-C₄ alkynyl substituted with 0-3 Z^a,
C₃-C₁₀ cycloalkyl substituted with 0-5 Z^b,
C₃-C₁₀ carbocycle substituted with 0-5 Z^b,
aryl substituted with 0-5 Z^b,
5-10 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:
O, S, and N, said heterocyclic group substituted
with 0-4 Z^b,
an amino acid residue, or
-A⁷-A⁸-A⁹;

B1
Cont.

z^a is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, $-CH_3$, $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, $-NR^{20}R^{20}$, $-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$, C1-C4 alkyl, C1-C4 alkoxy, C1-C4 haloalkyl, C1-C4 haloalkoxy,

C3-C10 cycloalkyl substituted with 0-5 z^b ,
C3-C10 carbocycle substituted with 0-5 z^b ,
aryl substituted with 0-5 z^b , or
5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, said heterocyclic group substituted with 0-4 z^b ;

z^b is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, $-CH_3$, $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, $-NR^{20}R^{20}$, $-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$, C1-C4 alkyl, C1-C4 alkoxy, C1-C4 haloalkyl, C1-C4 haloalkoxy,

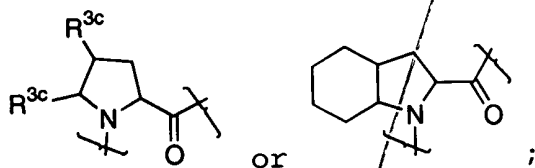
C3-C10 cycloalkyl substituted with 0-5 z^c ,
C3-C10 carbocycle substituted with 0-5 z^c ,
aryl substituted with 0-5 z^c , or
5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, said heterocyclic group substituted with 0-4 z^c ;

Z^C is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, $-CH_3$, $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, $-NR^{20}R^{20}$, $-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄ haloalkoxy;

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cont.
 R^{20} is H, C₁-C₄ alkyl, C₁-C₄ haloalkyl, aryl, aryl(C₁-C₄ alkyl)-, C₃-C₆ cycloalkyl, or C₃-C₆ cycloalkyl(C₁-C₄ alkyl)-;

alternatively, $NR^{20}R^{20}$ may form a 5-6 membered heterocyclic group consisting of carbon atoms, a nitrogen atom, and optionally a second heteroatom selected from the group: O, S, and N;

A^2 is a bond, $-NH-CR^3R^4-C(=O)-$, an amino acid residue,



A^3 is a bond, $-NH-CR^5R^6-C(=O)-$, or an amino acid residue;

A^4 is a bond, $-NH-CR^7R^8-C(=O)-$, or an amino acid residue;

A^5 is a bond or an amino acid residue;

A^7 is a bond or an amino acid residue;

A^8 is an amino acid residue;

A⁹ is an amino acid residue;

R¹ is selected from the group: H, F,

C₁-C₆ alkyl substituted with 0-3 R^{1a},

C₂-C₆ alkenyl substituted with 0-3 R^{1a},

C₂-C₆ alkynyl substituted with 0-3 R^{1a}, and

C₃-C₆ cycloalkyl substituted with 0-3 R^{1a}:

R^{1a} is selected at each occurrence from the group:

Cl, F, Br, I, CF₃, CHF₂, OH, =O, SH,

-CO₂R^{1b}, -SO₂R^{1b}, -SO₃R^{1b}, -P(O)₂R^{1b}, -P(O)₃R^{1b},

-C(=O)NHR^{1b}, -NHC(=O)R^{1b}, -SO₂NHR^{1b}, -OR^{1b}, -SR^{1b},

C₁-C₃ alkyl, C₃-C₆ cycloalkyl, C₁-C₆ alkoxy,

-S-(C₁-C₆ alkyl),

aryl substituted with 0-5 R^{1c},

-O-(CH₂)_q-aryl substituted with 0-5 R^{1c},

-S-(CH₂)_q-aryl substituted with 0-5 R^{1c},

5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group:

O, S, and N, and substituted with 0-3 R^{1c};

R^{1b} is H,

C₁-C₄ alkyl substituted with 0-3 R^{1c},

C₂-C₄ alkenyl substituted with 0-3 R^{1c},

C₂-C₄ alkynyl substituted with 0-3 R^{1c},

C₃-C₆ cycloalkyl substituted with 0-5 R^{1c},

C₃-C₆ carbocycle substituted with 0-5 R^{1c},

aryl substituted with 0-5 R^{1c},

5-6 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group:

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Cont.

O, S, and N, said heterocyclic group substituted with 0-4 R^{1c} ;

R^{1c} is selected at each occurrence from the C₁-C₄ alkyl, Cl, F, Br, I, OH, C₁-C₄ alkoxy, -CN, -NO₂, C(O)OR^{1d}, NR^{1d}R^{1d}, CF₃, and OCF₃;

R^{1d} is H or C₁-C₄ alkyl,

R² is H, F, or C₁-C₄ alkyl,

alternatively, R¹ and R² combine to form a C₃-C₆ cycloalkyl group substituted with 0-3 R^{1c} ;

BL
Cont. R^3 is selected from the group: H,

C₁-C₆ alkyl substituted with 0-4 R^{3a} ,

C₂-C₆ alkenyl substituted with 0-4 R^{3a} ,

C₂-C₆ alkynyl substituted with 0-4 R^{3a} ,

-(CH₂)_q- C₃-C₆ cycloalkyl substituted with 0-4 R^{3b} ,

-(CH₂)_q-aryl substituted with 0-5 R^{3b} ,

-(CH₂)_q-5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and said heterocyclic group is substituted with 0-2 R^{3b} ;

R^{3a} is selected from the group: -CO₂R¹¹, -NR¹¹R¹¹, -OR¹¹, -SR¹¹, -C(=NH)NH₂, and aryl substituted with R^{10b} ;

R^{3b} is selected from the group: -CO₂H, - NH₂, -OH, -SH, and -C(=NH)NH₂;

R^{3c} is, at each occurrence, independently selected from H, C₁-C₆ alkyl, -OH, or OR^{3d} ;

R^{3d} is C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, $-(CH_2)_q$ - C₃-C₆ cycloalkyl, $-(CH_2)_q$ -aryl, or $-(CH_2)_q$ - (5-10 membered heterocyclic group), wherein said heterocyclic group consists of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N;

B1
cont.
 R^4 is selected from the group H, C₁-C₆ alkyl, phenyl, phenylmethyl-, phenylethyl-, C₃-C₆ cycloalkyl, C₃-C₆ cycloalkylmethyl-, and C₃-C₆ cycloalkylethyl-;

R^5 and R^7 are independently H or R^3 ;

R^6 and R^8 are independently H or R^4 ;

R^9 is selected from the group: $-S(=O)R^{9a}$, $-S(=O)_2R^{9a}$, $-C(=O)R^{9a}$, $-C(=O)OR^{9a}$, $-C(=O)NHR^{9a}$, C₁-C₃ alkyl- R^{9a} , C₂-C₆ alkenyl- R^{9a} , and C₂-C₆ alkynyl- R^{9a} ;

R^{9a} is selected from the group:

C₁-C₆ alkyl substituted with 0-3 R^{9b} ,

C₃-C₆ cycloalkyl substituted with 0-3 R^{9c} and

aryl substituted with 0-3 R^{9c} and

5-14 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and said heterocyclic group is substituted with 0-3 R^{9c} ;

R^{9b} is selected from the group: phenyl, naphthyl, benzyl, and 5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and R⁶ is substituted with 0-3 R^c;

B1
cont.

R^{9c} is selected at each occurrence from the group:
CF₃, OCF₃, Cl, F, Br, I, =O, OH, phenyl, C(O)OR¹¹, NH₂,
NH(CH₃), N(CH₃)₂, -CN, NO₂;
C₁-C₄ alkyl substituted with 0-3 R^{9d},
C₁-C₄ alkoxy substituted with 0-3 R^{9d},
C₃-C₆ cycloalkyl substituted with 0-3 R^{9d},
aryl substituted with 0-5 R^{9d}, and
5-6 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:
O, S, and N, and said heterocyclic group is
substituted with 0-4 R^{9d};

R^{9d} is selected at each occurrence from the group:
C₁-C₄ alkyl, C₁-C₄ alkoxy, CF₃, OCF₃, Cl, F, Br, I, =O,
OH, phenyl, C(O)OR¹¹, NH₂, NH(CH₃), N(CH₃)₂, -CN,
and NO₂;

n is 1, 2, or 3; and

p is 1 or 2; and

q, at each occurrence, is independently 0, 1 or 2.

Claim 4 (currently amended)

4. A compound according to Claim 3, wherein

R¹⁰ is selected from the group: -CO₂R¹¹, -NR¹¹R¹¹, and C₁-C₆ alkyl substituted with 0-1 R^{10a};

R^{10a} is selected from the group: halo, -NO₂, -CN, -CF₃, -CO₂R¹¹, -NR¹¹R¹¹, -OR¹¹, -SR¹¹, -C(=NH)NH₂, and aryl substituted with 0-1 R^{10b};

R^{10b} is selected from the group: -CO₂H, -NH₂, -OH, -SH, and -C(=NH)NH₂;

BL
Cont.
~~R^{10e} is H or C₁-C₄ alkyl;~~

~~alternatively, R¹⁰ and R^{10e} can be combined to form a C₃-C₆ cycloalkyl group substituted with 0-1 R^{10a};~~

R¹¹ is, at each occurrence, independently H or C₁-C₄ alkyl;

R^{11a} is H, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₂-C₄ alkenyl, C₂-C₄ alkynyl, aryl, aryl(C₁-C₄ alkyl)-, C₃-C₆ cycloalkyl, or C₃-C₆ cycloalkyl(C₁-C₄ alkyl)-;

Q² is -X-NR¹²-Z, -NR¹²-Y-Z, or -X-NR¹²-Y-Z;

X is selected from the group: -C(=O)-, -S-, -S(=O)-, and -S(=O)₂-;

Y is selected from the group: -C(=O)-, -S-, -S(=O)-, and -S(=O)₂-;

R¹² is H or C₁-C₄ alkyl;

Z is C₁-C₄ haloalkyl,

C₁-C₄ alkyl substituted with 0-3 Z^a,

C₂-C₄ alkenyl substituted with 0-3 Z^a,

C₂-C₄ alkynyl substituted with 0-3 Z^a,

C₃-C₁₀ cycloalkyl substituted with 0-5 Z^b,

C₃-C₁₀ carbocycle substituted with 0-5 Z^b,

aryl substituted with 0-5 Z^b,

5-10 membered heterocyclic group consisting of carbon

atoms and 1-4 heteroatoms selected from the group:

O, S, and N, said heterocyclic group substituted

with 0-4 Z^b;

an amino acid residue, or

-A⁷-A⁸-A⁹;

B1
Con.
Z^a is H, F, Cl, Br, I, -NO₂, -CN, -NCS, -CF₃, -OCF₃, -
CH₃, -OCH₃, -CO₂R²⁰, -C(=O)NR²⁰R²⁰, -NHC(=O)R²⁰, -
NR²⁰R²⁰,

-OR²⁰, -SR²⁰, -S(=O)R²⁰, -SO₂R²⁰, -SO₂NR²⁰R²⁰,

C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl,

C₁-C₄ haloalkoxy,

C₃-C₁₀ cycloalkyl substituted with 0-5 Z^b,

C₃-C₁₀ carbocycle substituted with 0-5 Z^b,

aryl substituted with 0-5 Z^b, or

5-10 membered heterocyclic group consisting of carbon

atoms and 1-4 heteroatoms selected from the group:

O, S, and N, said heterocyclic group substituted

with 0-4 Z^b;

Z^b is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, $-CH_3$, $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, $-NR^{20}R^{20}$, $-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄ haloalkoxy,

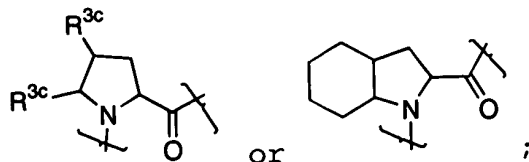
C₃-C₁₀ cycloalkyl substituted with 0-5 Z^c ,
 C₃-C₁₀ carbocycle substituted with 0-5 Z^c ,
 aryl substituted with 0-5 Z^c , or
 5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, said heterocyclic group substituted with 0-4 Z^c ;

BL
Chem.
 Z^c is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, $-CH_3$, $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, $-NR^{20}R^{20}$, $-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄ haloalkoxy;

R^{20} is H, C₁-C₄ alkyl, C₁-C₄ haloalkyl, aryl, aryl(C₁-C₄ alkyl)-, C₃-C₆ cycloalkyl, or C₃-C₆ cycloalkyl(C₁-C₄ alkyl)-;

alternatively, $NR^{20}R^{20}$ may form a piperidinyl, piperazinyl, or morpholinyl group;

A^2 is a bond, $-NH-CR^3R^4-C(=O)-$, an amino acid residue,



A³ is a bond or an amino acid residue;

A⁴ is a bond or an amino acid residue;

A⁵ is a bond;

R¹ is selected from the group: H,

C₁-C₆ alkyl substituted with 0-3 R^{1a},

C₂-C₆ alkenyl substituted with 0-3 R^{1a},

C₂-C₆ alkynyl substituted with 0-3 R^{1a}, and

C₃-C₆ cycloalkyl substituted with 0-3 R^{1a}:

R^{1a} is selected at each occurrence from the group:

Cl, F, Br, I, CF₃, CHF₂, OH, =O, SH,

-CO₂R^{1b}, -SO₂R^{1b}, -SO₃R^{1b}, -P(O)₂R^{1b}, -P(O)₃R^{1b},

-C(=O)NHR^{1b}, -NHC(=O)R^{1b}, -SO₂NHR^{1b}, -OR^{1b}, -SR^{1b},

C₁-C₃ alkyl, C₃-C₆ cycloalkyl, C₁-C₆ alkoxy,

-S-(C₁-C₆ alkyl),

aryl substituted with 0-5 R^{1c},

-O-(CH₂)_q-aryl substituted with 0-5 R^{1c},

-S-(CH₂)_q-aryl substituted with 0-5 R^{1c},

5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group:

O, S, and N, and substituted with 0-3 R^{1c};

R^{1b} is H,

B1
Cont

C₁-C₄ alkyl substituted with 0-3 R^{1c},
C₂-C₄ alkenyl substituted with 0-3 R^{1c},
C₂-C₄ alkynyl substituted with 0-3 R^{1c},
C₃-C₆ cycloalkyl substituted with 0-5 R^{1c},
C₃-C₆ carbocycle substituted with 0-5 R^{1c},
aryl substituted with 0-5 R^{1c},
5-6 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:
O, S, and N, said heterocyclic group substituted
with 0-4 R^{1c};

B1
Cont.
R^{1c} is selected at each occurrence from the C₁-C₄ alkyl, Cl,
F, Br, I, OH, C₁-C₄ alkoxy, -CN, -NO₂, C(O)OR^{1d},
NR^{1d}R^{1d}, CF₃, and OCF₃;

R^{1d} is H or C₁-C₄ alkyl,

R² is H or C₁-C₄ alkyl,

alternatively, R¹ and R² combine to form a C₃-C₆ cycloalkyl
group substituted with 0-3 R^{1c};

R³ is selected from the group: H,

C₁-C₆ alkyl substituted with 0-4 R^{3a},
C₂-C₆ alkenyl substituted with 0-4 R^{3a},
C₂-C₆ alkynyl substituted with 0-4 R^{3a},
-(CH₂)_q- C₃-C₆ cycloalkyl substituted with 0-4 R^{3b},
-(CH₂)_q-aryl substituted with 0-5 R^{3b},
-(CH₂)_q-5-10 membered heterocyclic group consisting of
carbon atoms and 1-4 heteroatoms selected from the

group: O, S, and N, and said heterocyclic group is substituted with 0-2 R^{3b} ;

R^{3a} is selected from the group: $-CO_2R^{11}$, $-NR^{11}R^{11}$, $-OR^{11}$, $-SR^{11}$, $-C(=NH)NH_2$, and aryl substituted with R^{10b} ;

R^{3b} is selected from the group: $-CO_2H$, $-NH_2$, $-OH$, $-SH$, and $-C(=NH)NH_2$;

R^{3c} is, at each occurrence, independently selected from H, C₁-C₆ alkyl, $-OH$, or OR^{3d} ;

B1
cont.
 R^{3d} is C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, $-(CH_2)_q$ -C₃-C₆ cycloalkyl, $-(CH_2)_q$ -aryl, or $-(CH_2)_q$ -(5-10 membered heterocyclic group), wherein said heterocyclic group consists of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N;

R^4 is selected from the group H, C₁-C₆ alkyl, phenyl, phenylmethyl-, phenylethyl-, C₃-C₆ cycloalkyl, C₃-C₆ cycloalkylmethyl-, and C₃-C₆ cycloalkylethyl-;

R^9 is selected from the group: $-S(=O)_2R^{9a}$, $-C(=O)R^{9a}$, C₁-C₃ alkyl- R^{9a} , C₂-C₆ alkenyl- R^{9a} , and C₂-C₆ alkynyl- R^{9a} ;

R^{9a} is selected from the group:
C₁-C₆ alkyl substituted with 0-3 R^{9b} ,
C₃-C₆ cycloalkyl substituted with 0-3 R^{9c} and
aryl substituted with 0-3 R^{9c} and

5-14 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and said heterocyclic group is substituted with 0-3 R^{9c} ;

R^{9b} is selected from the group: phenyl, naphthyl, benzyl, and 5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and R^6 is substituted with 0-3 R^c ;

R^{9c} is selected at each occurrence from the group:

CF₃, OCF₃, Cl, F, Br, I, =O, OH, phenyl, C(O)OR¹¹, NH₂, NH(CH₃), N(CH₃)₂, -CN, NO₂;

C₁-C₄ alkyl substituted with 0-3 R^{9d} ,

C₁-C₄ alkoxy substituted with 0-3 R^{9d} ,

C₃-C₆ cycloalkyl substituted with 0-3 R^{9d} ,

aryl substituted with 0-5 R^{9d} , and

5-6 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N, and said heterocyclic group is substituted with 0-4 R^{9d} ;

R^{9d} is selected at each occurrence from the group:

C₁-C₄ alkyl, C₁-C₄ alkoxy, CF₃, OCF₃, Cl, F, Br, I, =O, OH, phenyl, C(O)OR¹¹, NH₂, NH(CH₃), N(CH₃)₂, -CN, and NO₂;

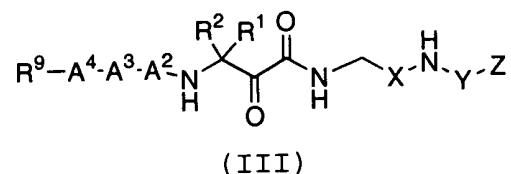
n is 1 or 2; and

p is 1 or 2; and

q, at each occurrence, is independently 0, 1 or 2.

Claim 5 (currently amended)

5. A compound according to Claim 4, wherein the compound is of Formula (III):



or a stereoisomer or pharmaceutically acceptable salt form thereof, wherein;

R¹¹ is, at each occurrence, independently H or C₁-C₄ alkyl;

X is $-C(=O)-$, $-S-$, $-S(=O)-$, or $-S(=O)_2-$;

Y is -C(=O)- or $\text{-S(=O)}_2\text{-}$;

Z is C₁-C₄ haloalkyl,

C₁-C₄ alkyl substituted with 0-3 Z^a,

C₂-C₄ alkenyl substituted with 0-3 Z^a,

C₂-C₄ alkynyl substituted with 0-3 Z^a,

C₃-C₁₀ cycloalkyl substituted with 0-5 z^b,

C₃-C₁₀ carbocycle substituted with 0-5 Z^b,

aryl substituted with 0-5 Z^b , or

5-10 membered heterocyclic group consisting of carbon

atoms and 1-4 heteroatoms selected from the group:

pyridinyl, furanyl, thienyl, pyrrolyl, pyrazolyl,

pyrazinyl, piperazinyl, piperidinyl, imidazolyl,

imidazolidinyl, indolyl, tetrazolyl, isoxazolyl,

morpholiny1, oxazolyl, oxazolidiny1,

tetrahydrofuranyl, thiadiazinyl, thiadiazolyl,

thiazolyl, triazinyl, triazolyl, benzimidazolyl,

1*H*-indazolyl, benzofuranyl, benzothiofuranyl,

benztetrazolyl, benzotriazolyl, benzisoxazolyl, benzoxazolyl, oxindolyl, benzoxazolinylyl, benzthiazolyl, benzisothiazolyl, isatinoyl, isoquinolinylyl, octahydroisoquinolinylyl, tetrahydroisoquinolinylyl, tetrahydroquinolinylyl, isoxazolopyridinylyl, quinazolinylyl, quinolinylyl, isothiazolopyridinylyl, thiazolopyridinylyl, oxazolopyridinylyl, imidazolopyridinylyl, and pyrazolopyridinylyl; said heterocyclic group substituted with 0-4 z^b ;

BJ
Agent
 z^a is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, $-CH_3$, $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, $-NR^{20}R^{20}$, $-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄ haloalkoxy,

C₃-C₁₀ cycloalkyl substituted with 0-5 z^b ,
C₃-C₁₀ carbocycle substituted with 0-5 z^b ,
aryl substituted with 0-5 z^b , or
5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group:
pyridinylyl, furanylyl, thienylyl, pyrrolylyl, pyrazolyl, pyrazinylyl, piperazinylyl, piperidinylyl, imidazolyl, imidazolidinylyl, indolylyl, tetrazolyl, isoxazolyl, morpholinylyl, oxazolyl, oxazolidinylyl, tetrahydrofuranylyl, thiadiazinylyl, thiadiazolyl, thiazolyl, triazinylyl, triazolyl, benzimidazolyl, 1H-indazolyl, benzofuranylyl, benzothiofuranylyl, benztetrazolyl, benzotriazolyl, benzisoxazolyl, benzoxazolyl, oxindolyl, benzoxazolinylyl, benzthiazolyl, benzisothiazolyl, isatinoyl,

isoquinolinyl, octahydroisoquinolinyl, tetrahydroisoquinolinyl, tetrahydroquinolinyl, isoxazolopyridinyl, quinazolinyl, quinolinyl, isothiazolopyridinyl, thiazolopyridinyl, oxazolopyridinyl, imidazolopyridinyl, and pyrazolopyridinyl; said heterocyclic group substituted with 0-4 Z^b ;

Z^b is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, $-CH_3$, $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, $-NR^{20}R^{20}$, $-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$, C1-C4 alkyl, C1-C4 alkoxy, C1-C4 haloalkyl, C1-C4 haloalkoxy,

C3-C10 cycloalkyl substituted with 0-5 Z^c ,

C3-C10 carbocycle substituted with 0-5 Z^c ,

aryl substituted with 0-5 Z^c , or

5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: pyridinyl, furanyl, thienyl, pyrrolyl, pyrazolyl, pyrazinyl, piperazinyl, piperidinyl, imidazolyl, imidazolidinyl, indolyl, tetrazolyl, isoxazolyl, morpholinyl, oxazolyl, oxazolidinyl, tetrahydrofuranyl, thiadiazinyl, thiadiazolyl, thiazolyl, triazinyl, triazolyl, benzimidazolyl, 1H-indazolyl, benzofuranyl, benzothiofuranyl, benztetrazolyl, benzotriazolyl, benzisoxazolyl, benzoxazolyl, oxindolyl, benzoxazolinyl, benzthiazolyl, benzisothiazolyl, isatinoyl, isoquinolinyl, octahydroisoquinolinyl, tetrahydroisoquinolinyl, tetrahydroquinolinyl, isoxazolopyridinyl, quinazolinyl, quinolinyl,

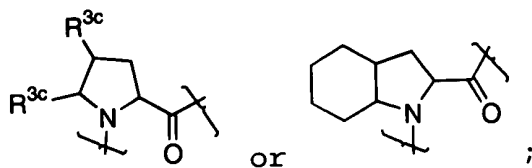
isothiazolopyridinyl, thiazolopyridinyl, oxazolopyridinyl, imidazolopyridinyl, and pyrazolopyridinyl; said heterocyclic group substituted with 0-4 Z^C ;

Z^C is H, F, Cl, Br, I, $-NO_2$, $-CN$, $-NCS$, $-CF_3$, $-OCF_3$, $-CH_3$, $-OCH_3$, $-CO_2R^{20}$, $-C(=O)NR^{20}R^{20}$, $-NHC(=O)R^{20}$, $-NR^{20}R^{20}$, $-OR^{20}$, $-SR^{20}$, $-S(=O)R^{20}$, $-SO_2R^{20}$, $-SO_2NR^{20}R^{20}$, C1-C4 alkyl, C1-C4 alkoxy, C1-C4 haloalkyl, C1-C4 haloalkoxy;

R^{20} is H, C1-C4 alkyl, C1-C4 haloalkyl, aryl, aryl(C1-C4 alkyl)-, C3-C6 cycloalkyl, or C3-C6 cycloalkyl(C1-C4 alkyl)-;

alternatively, $NR^{20}R^{20}$ may form a piperidinyl, piperazinyl, or morpholinyl group;

A^2 is a bond, $-NH-CR^3R^4-C(=O)-$, Ala, Arg, Asn, Asp, Aze, Cha, Cys, Dpa, Gln, Glu, Gly, His, Hyp, Ile, Irg, Leu, Lys, Met, Orn, Phe, Phe(4-fluoro), Pro, Sar, Ser, Thr, Trp, Tyr, Val,



A^3 is a bond, Ala, Arg, Asn, Asp, Aze, Cha, Cys, Dpa, Gln, Glu, Gly, His, Hyp, Ile, Irg, Leu, Lys, Met, Orn, Phe, Phe(4-fluoro), Pro, Sar, Ser, Thr, Trp, Tyr, or Val;

A⁴ is a bond, Ala, Arg, Asn, Asp, Aze, Cha, Cys, Dpa, Gln, Glu, Gly, His, Hyp, Ile, Irg, Leu, Lys, Met, Orn, Phe, Phe(4-fluoro), Pro, Sar, Ser, Thr, Trp, Tyr, or Val;

R¹ is selected from the group: H,

C₁-C₆ alkyl substituted with 0-3 R^{1a},
C₂-C₆ alkenyl substituted with 0-3 R^{1a},
C₂-C₆ alkynyl substituted with 0-3 R^{1a}, and
C₃-C₆ cycloalkyl substituted with 0-3 R^{1a};

R^{1a} is selected at each occurrence from the group:

Cl, F, Br, I, CF₃, CHF₂, OH, =O, SH,
-CO₂R^{1b}, -SO₂R^{1b}, -SO₃R^{1b}, -P(O)₂R^{1b}, -P(O)₃R^{1b},
-C(=O)NHR^{1b}, -NHC(=O)R^{1b}, -SO₂NHR^{1b}, -OR^{1b}, -SR^{1b},
C₁-C₃ alkyl, C₃-C₆ cycloalkyl, C₁-C₆ alkoxy,
-S-(C₁-C₆ alkyl),

aryl substituted with 0-5 R^{1c},

-O-(CH₂)_q-aryl substituted with 0-5 R^{1c},

-S-(CH₂)_q-aryl substituted with 0-5 R^{1c},

5-10 membered heterocyclic group consisting of carbon

atoms and 1-4 heteroatoms selected from the group:

pyridinyl, furanyl, thienyl, pyrrolyl, pyrazolyl,
pyrazinyl, piperazinyl, piperidinyl, imidazolyl,
imidazolidinyl, indolyl, tetrazolyl, isoxazolyl,
morpholinyl, oxazolyl, oxazolidinyl,
tetrahydrofuranyl, thiadiazinyl, thiadiazolyl,
thiazolyl, triazinyl, triazolyl, benzimidazolyl,
1H-indazolyl, benzofuranyl, benzothiofuranyl,
benztetrazolyl, benzotriazolyl, benzisoxazolyl,
benzoxazolyl, oxindolyl, benzoxazolinyl,
benzthiazolyl, benzisothiazolyl, isatinoyl,
isoquinolinyl, octahydroisoquinolinyl,

tetrahydroisoquinoliny1, tetrahydroquinoliny1,
isoxazolopyridiny1, quinazoliny1, quinoliny1,
isothiazolopyridiny1, thiazolopyridiny1,
oxazolopyridiny1, imidazolopyridiny1, and
pyrazolopyridiny1; and substituted with 0-3 R^{1c};

R^{1b} is H,

C₁-C₄ alkyl substituted with 0-3 R^{1c},

C₂-C₄ alkenyl substituted with 0-3 R^{1c},

C₂-C₄ alkynyl substituted with 0-3 R^{1c},

C₃-C₆ cycloalkyl substituted with 0-5 R^{1c},

C₃-C₆ carbocycle substituted with 0-5 R^{1c},

aryl substituted with 0-5 R^{1c},

5-6 membered heterocyclic group consisting of carbon
atoms and 1-4 heteroatoms selected from the group:
pyridiny1, furany1, thienyl, pyrroly1, pyrazoly1,
pyraziny1, piperaziny1, piperidiny1, imidazoly1,
imidazolidiny1, indoly1, tetrazoly1, isoxazoly1,
morpholiny1, oxazoly1, oxazolidiny1,
tetrahydrofurany1, thiadiaziny1, thiadiazoly1,
thiazoly1, triaziny1, and triazoly1; said
heterocyclic group substituted with 0-3 R^{1c};

R^{1c} is selected at each occurrence from the C₁-C₄ alkyl, Cl,
F, Br, I, OH, C₁-C₄ alkoxy, -CN, -NO₂, C(O)OR^{1d},
NR^{1d}R^{1d}, CF₃, and OCF₃;

R^{1d} is H or C₁-C₄ alkyl,

R² is H or C₁-C₄ alkyl,

alternatively, R^1 and R^2 combine to form a C3-C6 cycloalkyl group substituted with 0-3 R^{1c} ;

R^3 is selected from the group: H,

C1-C6 alkyl substituted with 0-4 R^{3a} ,

C2-C6 alkenyl substituted with 0-4 R^{3a} ,

C2-C6 alkynyl substituted with 0-4 R^{3a} ,

$-(CH_2)_q$ - C3-C6 cycloalkyl substituted with 0-4 R^{3b} ,

$-(CH_2)_q$ -aryl substituted with 0-5 R^{3b} ,

$-(CH_2)_q$ -5-10 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: pyridinyl, furanyl, thienyl, pyrrolyl, pyrazolyl, pyrazinyl, piperazinyl, piperidinyl, imidazolyl, imidazolidinyl, indolyl, tetrazolyl, isoxazolyl, morpholinyl, oxazolyl, oxazolidinyl, tetrahydrofuranyl, thiadiazinyl, thiadiazolyl, thiazolyl, triazinyl, triazolyl, benzimidazolyl, 1H-indazolyl, benzofuranyl, benzothiofuranyl, benztetrazolyl, benzotriazolyl, benzisoxazolyl, benzoxazolyl, oxindolyl, benzoxazolinyl, benzthiazolyl, benzisothiazolyl, isatinoyl, isoquinolinyl, octahydroisoquinolinyl, tetrahydroisoquinolinyl, tetrahydroquinolinyl, isoxazolopyridinyl, quinazolinyl, quinolinyl, isothiazolopyridinyl, thiazolopyridinyl, oxazolopyridinyl, imidazolopyridinyl, and pyrazolopyridinyl; and said heterocyclic group is substituted with 0-2 R^{3b} ;

R^{3a} is selected from the group: $-CO_2R^{11}$, $-NR^{11}R^{11}$, $-OR^{11}$, $-SR^{11}$, $-C(=NH)NH_2$, and aryl substituted with R^{10b} ;

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CONF

R^{3b} is selected from the group: -CO₂H, -NH₂, -OH, -SH, and -C(=NH)NH₂;

R^{3c} is, at each occurrence, independently selected from H, C₁-C₆ alkyl, -OH, or OR^{3d};

R^{3d} is C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, -(CH₂)_q- C₃-C₆ cycloalkyl, -(CH₂)_q-aryl, or -(CH₂)_q-(5-10 membered heterocyclic group), wherein said heterocyclic group consists of carbon atoms and 1-4 heteroatoms selected from the group: O, S, and N;

R⁴ is selected from the group H, C₁-C₆ alkyl, phenyl, phenylmethyl-, phenylethyl-, C₃-C₆ cycloalkyl, C₃-C₆ cycloalkylmethyl-, and C₃-C₆ cycloalkylethyl-;

R⁹ is selected from -S(=O)₂R^{9a} and -C(=O)R^{9a};

R^{9a} is selected from the group:

phenyl substituted with 0-3 R^{9c},

naphthyl substituted with 0-3 R^{9c}, and

5-14 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: pyridinyl, furanyl, thienyl, pyrrolyl, pyrazolyl, pyrazinyl, piperazinyl, piperidinyl, imidazolyl, imidazolidinyl, indolyl, tetrazolyl, isoxazolyl, morpholinyl, oxazolyl, oxazolidinyl, tetrahydrofuranyl, thiadiazinyl, thiadiazolyl, thiazolyl, triazinyl, triazolyl, benzimidazolyl, 1H-indazolyl, benzofuranyl, benzothiofuranyl, benztetrazolyl, benzotriazolyl, benzisoxazolyl,

benzoxazolyl, oxindolyl, benzoxazoliny, benzthiazolyl, benzisothiazolyl, isatinoyl, isoquinoliny, octahydroisoquinoliny, tetrahydroisoquinoliny, tetrahydroquinoliny, isoxazolopyridiny, quinazoliny, quinoliny, isothiazolopyridiny, thiazolopyridiny, oxazolopyridiny, imidazolopyridiny, and pyrazolopyridiny; and said heterocyclic group is substituted with 0-3 R^{9c};

R^{9c} is selected at each occurrence from the group:

CF₃, OCF₃, Cl, F, Br, I, =O, OH, phenyl, C(O)OR¹¹, NH₂, NH(CH₃), N(CH₃)₂, -CN, NO₂;

C₁-C₄ alkyl substituted with 0-3 R^{9d},

C₁-C₄ alkoxy substituted with 0-3 R^{9d},

C₃-C₆ cycloalkyl substituted with 0-3 R^{9d},

aryl substituted with 0-5 R^{9d}, and

5-6 membered heterocyclic group consisting of carbon atoms and 1-4 heteroatoms selected from the group: pyridiny, furanyl, thienyl, pyrrolyl, pyrazolyl, pyraziny, piperaziny, piperidiny, imidazolyl, imidazolidiny, indolyl, tetrazolyl, isoxazolyl, morpholiny, oxazolyl, oxazolidiny, tetrahydrofuranyl, thiadiaziny, thiadiazolyl, thiazolyl, triaziny, and triazolyl; said heterocyclic group is substituted with 0-4 R^{9d};

R^{9d} is selected at each occurrence from the group:

C₁-C₄ alkyl, C₁-C₄ alkoxy, CF₃, OCF₃, Cl, F, Br, I, =O, OH, phenyl, C(O)OR¹¹, NH₂, NH(CH₃), N(CH₃)₂, -CN, and NO₂;

B1
conclude
p is 1 or 2; and

q, at each occurrence, is independently 0, 1 or 2.

Claim 6 (original)

6. A compound of Claim 5, wherein

X is $-C(=O)-$;

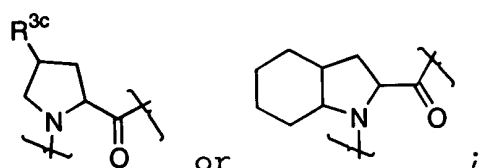
Y is $-S(=O)_2-$;

Z is selected from the group:

methyl, ethyl, propyl, trifluoromethyl,
phenyl, benzyl, 4-phenyl-phenyl, 4-NCS-phenyl,
2-fluorophenyl-, 3-fluorophenyl-, 4-fluorophenyl-,
2-chlorophenyl-, 3-chlorophenyl-, 4-chlorophenyl-,
2-cyanophenyl-, 3-cyanophenyl-, 4-cyanophenyl-,
2-nitrophenyl-, 3-nitrophenyl-, 4-nitrophenyl-,
2-CF₃SO₂-phenyl-, 3-CF₃SO₂-phenyl-, 4-CF₃SO₂-phenyl-,
2-CF₃-phenyl-, 3-CF₃-phenyl-, 4-CF₃-phenyl-,
3-NO₂-4-Cl-phenyl-, 3-Cl-4-CH₃-phenyl-,
2-Cl-5-CF₃-phenyl-, 2-Cl-5-CO₂H-phenyl-,
3-NO₂-4-CH₃-phenyl-, 3-Cl-5-NH₂SO₂-phenyl-,
3,5-diCF₃-phenyl-, 3,4-diCF₃-phenyl-,
3,5-diCl-phenyl-, 2,5-diCl-phenyl-, 3,4-diCl-phenyl-,
3,5-diF-phenyl-, 2,5-diF-phenyl-, 3,4-diF-phenyl-,
2-F-4-Cl-5-CO₂H-phenyl-, 2,4-diCl-5-CO₂H-phenyl-,
2,4-diCl-5-CH₃CO₂-phenyl-, 2,4-diCl-5-CH₃-phenyl-,
2-OH-3,5-diCl-phenyl-, 2,4,5-triCl-phenyl-,
3,5-diCl-4-(4-NO₂phenyl)phenyl-,
2-Cl-5-benzylNHCO-phenyl-, 2-Cl-5-CF₃CH₂NHCO-phenyl-,
2-Cl-5-cyclopropylmethylNHCO-phenyl-,
2-Cl-4-CH₃CONH-phenyl-, 3-Cl-5-(phenylCONHSO₂)-phenyl-,
3-Cl-5-CH₃CONH-phenyl-, 5-ethoxy-benzothiazol-2-yl,

naphth-2-yl, (CH₃CONH)thiadiazolyl-,
 (s-butylCONH)thiadiazolyl-, (n-pentylCONH)thiadiazolyl-,
 (phenylCONH)thiadiazolyl-, and
 (3-ClphenylCONH)thiadiazolyl-,

A² is a bond, Ala, Arg, Asn, Asp, Aze, Cha, Cys, Dpa, Gln,
 Glu, Gly, His, Hyp, Ile, Irg, Leu, Lys, Met, Orn, Phe,
 Phe(4-fluoro), Pro, Sar, Ser, Thr, Trp, Tyr, Val;



A³ is a bond, Ala, Arg, Asn, Asp, Aze, Cha, Cys, Dpa, Gln,
 Glu, Gly, His, Hyp, Ile, Irg, Leu, Lys, Met, Orn, Phe,
 Phe(4-fluoro), Pro, Sar, Ser, Thr, Trp, Tyr, or Val;

A³ is a bond, Ala, Arg, Asn, Asp, Aze, Cha, Cys, Dpa, Gln,
 Glu, Gly, His, Hyp, Ile, Irg, Leu, Lys, Met, Orn, Phe,
 Phe(4-fluoro), Pro, Sar, Ser, Thr, Trp, Tyr, or Val;

R¹ is selected from the group:

-CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃,
 -CH₂CH(CH₃)₂, -CH₂C(CH₃)₃, -CH₂CH₂C(CH₃)₃,
 -CH₂CH₂CH₂C(CH₃)₃, -CH₂CH₂CH₂CH(CH₃)₂,
 -CH₂CH₂CH₂CH(CH₂CH₃)₂, -CH₂CH₂CH₂CH₂CH₃,
 -CH₂CH₂CH(CH₃)₂, -CH₂CH₂CH₂CH₂CH₂CH₃,
 -CH₂CF₃, -CH₂CH₂CF₃, -CH₂CH₂CH₂CF₃,
 -CH₂CHF₂, -CH₂CH₂CHF₂, -CH₂CH₂CH₂CHF₂,
 -CH=CH₂, -CH₂CH=CH₂, -CH=CHCH₃, cis-CH₂CH=CH(CH₃),
 trans-CH₂CH=CH(CH₃), -CH₂CH₂CH=CH, -CH₂CH=C(CH₃)₂,
 -CH₂CH₂CH=C(CH₃)₂,

-CH₂CO₂H, -CH₂CH₂CO₂H, -CH₂CO₂C(CH₃)₃,
-CH₂CH₂CO₂C(CH₃)₃, -CH₂CH₂CH₂CH₂NH₂,
phenyl, benzyl, phenethyl, phenpropyl, phenbutyl,
(2-methylphenyl)ethyl-, (3-methylphenyl)ethyl-,
(4-methylphenyl)ethyl-, (4-ethylphenyl)ethyl-,
(4-i-propylphenyl)ethyl-, (4-t-butylphenyl)ethyl-,
(4-hydroxyphenyl)ethyl-, (4-phenyl-phenyl)ethyl-,
(4-phenoxy-phenyl)ethyl-, (4-cyclohexyl-phenyl)ethyl-,
(4-cyclopropyl-phenyl)ethyl-, (2,5-dimethylphenyl)ethyl-,
(2,4-dimethylphenyl)ethyl-, (2,6-difluorophenyl)ethyl-,
(4-cyclopentyl-phenyl)ethyl-,
(4-cyclobutyl-phenyl)ethyl-,
(2-trifluoromethylphenyl)ethyl-,
(3-trifluoromethylphenyl)ethyl-,
(4-trifluoromethylphenyl)ethyl-,
(2-fluorophenyl)ethyl-, (3-fluorophenyl)ethyl-,
(4-fluorophenyl)ethyl-, (2-chlorophenyl)ethyl-,
(3-chlorophenyl)ethyl-, (4-chlorophenyl)ethyl-,
(2-bromophenyl)ethyl-, (3-bromophenyl)ethyl-,
(4-bromophenyl)ethyl-,
(2,3,4,5,6-pentafluorophenyl)ethyl-,
(naphth-2-yl)ethyl, (cyclobutyl)methyl,
(cyclobutyl)ethyl, (cyclobutyl)propyl, cyclopropyl,
cyclobutyl, cyclopentyl, and cyclohexyl;

R² is H, methyl, or ethyl;

alternatively, R¹ and R² combine to form cyclopropyl,
cyclobutyl, cyclopentyl, or cyclohexyl;

R^{3c} is H, methyl, ethyl, -OH, methoxy, ethoxy, propoxy,
phenoxy, or benzyloxy; and

R⁹ is selected from:

2-pyrazinyl-carbonyl-,
4-(N-pyrrolyl)phenyl-carbonyl-,
5-(4-chlorophenyl)furan-2-yl-carbonyl-,
1-anthracenyl-carbonyl-,
7-nitro-anthracen-1-yl-carbonyl-,
(3-phenyl-2-cyanomethoxyphenyl)carbonyl-,
5-(2-Cl-3-CF₃-phenyl)-furan-2-yl-carbonyl-,
5-(4-Cl-phenyl)-furan-2-yl-carbonyl-,
5-(pyrid-2-yl)-thiophen-2-yl-carbonyl-,
(2-methoxyphenyl)ethylcarbonyl-,
(3-benzopyrrolyl)ethylcarbonyl-,
(N-phenyl-5-propyl-imidazol-4-yl)-carbonyl-,
1-naphthyl-sulphonyl-, and
5-(isoxazol-2-yl)thiophen-2-yl-sulphonyl-.

Claim 7 (original)

7. A compound according to Claim 1, wherein the compound is selected from the group:

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3 S)-3-amino pentanoylglycine;

(3S)-2-oxo-3-{{N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl}amino}-N-(2H-tetrazol-5-ylmethyl) pentanamide;

2-oxo-3-{{N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl}amino}-N-(sulfomethyl)pentanamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl-N-[(2-nitrophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-(methylsulfonyl)glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl-N-[(phenylmethyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-(phenylsulfonyl)glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(trifluoromethyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(2-nitrophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(4-nitrophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(4-fluorophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3 S)-3-amino pentanoyl-N-[(3-fluorophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(2-fluorophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(4-chlorophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl-N-[(3-chlorophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[[4-(thionitroso)phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[[4-[(trifluoromethyl)sulfonyl]phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[[4-(trifluoromethyl)phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(4-cyanophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(3-chloro-4-methylphenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(4-chloro-3-nitrophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L- isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(3,5-dichlorophenyl) sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(4-methyl-3-nitrophenyl) sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[[2-chloro-5-(trifluoromethyl) phenyl] sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(5-carboxy-2-chlorophenyl) sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(2,5-dichlorophenyl) sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(3,4-difluorophenyl) sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(3,5-dichloro-2-hydroxyphenyl) sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-amino pentanoyl-N-[(2,4,5-trichlorophenyl) -sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl-N-[(5-carboxy-4-chloro-2-fluorophenyl) sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[[5-(dimethylamino)-1-naphthalenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-(2-naphthalenylsulfonyl)glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[(4-(phenyl)phenyl)-sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[(6-ethoxy-2-benzothiazolyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl- N-[[2-chloro-5-[(phenylmethyl)amino]carbonyl]phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[2-chloro-5-[(2-trifluoroethyl)amino]carbonyl]phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[2-chloro-5-[(cyclopropylmethyl)amino]carbonyl]phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[3-nitro-4-(2-pyrimidinylthio)phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[2-chloro-4-(acetylamino)phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[3-chloro-4-(2-benzoxazolylthio)phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-amino pentanoyl-N-[[3,5-dichloro-4-(4-nitrophenoxy)phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-amino pentanoyl-N-[[5-(acetylamino)-1,3,4-thiadiazol-2-yl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-amino pentanoyl-N-[(3-cyanophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-amino pentanoyl-N-[[3-(aminosulfonyl)-5-chlorophenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-amino pentanoyl-N-[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[4-[5-[3-(4-chlorophenyl)-3-oxo-1-propenyl]-2-furanyl]phenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[3-[[(phenylmethyl) amino] carbonyl] phenyl] sulfonyl] glycineamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[3-[[(2,2,2-trifluoroethyl) amino] carbonyl] phenyl] sulfonyl] glycineamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-2-oxo-(3S)-3-aminopentanoyl-N-[[3-[(benzoylamino) sulfonyl]-5-chlorophenyl] sulfonyl] glycineamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoylglycine;

(3S)-5,5-difluoro-2-oxo-3-[[N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl] amino]-N-(2H-tetrazol-5-ylmethyl) pentanamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl-N-[(3,5-dichlorophenyl) sulfonyl] glycineamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl-N-[(3-chlorophenyl) sulfonyl] glycineamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl-N-[5-(acetyl amino)-1,3,4-thiadiazol-2-yl] sulfonyl] glycineamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl-N-(3-aminosulfonyl-5-chlorophenyl) sulfonyl] glycineamide;

(3S)-5,5,5-trifluoro-2-oxo-3-[[N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-3-cyclohexyl-L-alanyl]amino]-N-(2H-tetrazol-5-ylmethyl)pentanamide;

1,1-dimethylethyl N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoylglycine;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoylglycine;

(4R)-1-[N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl]-N-[(1S)-1-(2,2-difluoroethyl)-2,3-dioxo-3-[(2H)-tetrazol-5-ylmethyl]amino]propyl]-4-(phenylmethoxy)-L-prolinamide;

(4R)-N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-N-[(1S)-1-(2,2-difluoroethyl)-3-methoxy-2,3-dioxopropyl]-4-(phenylmethoxy)-L-prolinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl-N-[(3-chlorophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl-N-[(5-carboxy-2chlorophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl-N-[(5-acetylamino)1,3,4-thiadiazol-2-yl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl-N-[3,5-dichlorophenyl]sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl N-(4-methyl-3-nitrophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl N-(3-carboxyl-4-chloro-2-fluorophenyl)sulfonyl]glycinamide;

N-(2-pyrazinylcarbonyl)-L-leucyl-L-isoleucyl-(4R)-4-(phenylmethoxy)-L-prolyl-5,5-difluoro-2-oxo-(3S)-3-aminopentanoyl N-[(3-chloro-4-acetylamino)phenyl]sulfonyl]glycinamide;

N-[[5-(4-chlorophenyl)-2-furanyl]carbonyl]-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoylglycine;

N-[[5-(4-chlorophenyl)-2-furanyl]carbonyl]-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl-N-[(trifluoromethyl)sulfonyl]glycinamide;

N-[[5-(4-chlorophenyl)-2-furanyl]carbonyl]-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl-N-[(3,5-dichlorophenyl)sulfonyl]glycinamide;

N-[[5-(4-chlorophenyl)-2-furanyl]carbonyl]-L-isoleucyl-3-cyclohexylalanyl-2-oxo-3-aminopentanoyl-N-[(3-nitrophenyl)sulfonyl]glycinamide; and

(4R)-1-[[5-(4-chlorophenyl)-2-furanyl]carbonyl-L-isoleucyl-N-[(1S)-1-(2,2-difluoroethyl)-2,3-dioxo-3-[(2H-tetrazol-5-ylmethyl)amino]propyl]-4-(phenylmethoxy)-L-prolinamide;

or a pharmaceutically acceptable salt form thereof.

Claim 8 (cancelled)

Claim 9 (cancelled)

Claim 10 (cancelled)

Claim 11 (cancelled)

9/03
B2
Claim 12 (currently amended) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a ~~therapeutically effective amount of~~ a compound of Claim 1 or a pharmaceutically acceptable salt form thereof.

Claim 13 (cancelled)

Claim 14 (cancelled)

Claim 15 (cancelled)

B3
Claim 16 (currently amended) A ~~pharmaceutical composition~~ comprising a pharmaceutically acceptable carrier and a ~~therapeutically effective amount of a compound of Claim 5 or~~ a pharmaceutically acceptable salt form thereof.

Claim 17 (cancelled)

Claim 18 (cancelled)

Claim 19 (cancelled)

Claim 20 (cancelled)

9/04/24
Claim 21 (new) A method of inhibiting hepatitis C nonstructural protein-3 (HCV NS3) protease comprising contacting a compound of claim 1 for a time and under conditions effective to inhibit HCV NS3 protease.

Claim 22 (new) A method of inhibiting hepatitis C nonstructural protein-3 (HCV NS3) protease comprising administering a compound of claim 1 to a mammal in need thereof for a time and under conditions effective to inhibit HCV NS3 protease.